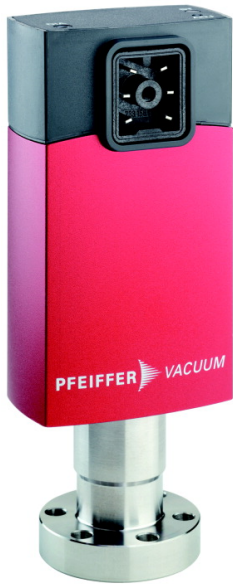


PCR 280, 80 °C, DN 16 CF-F



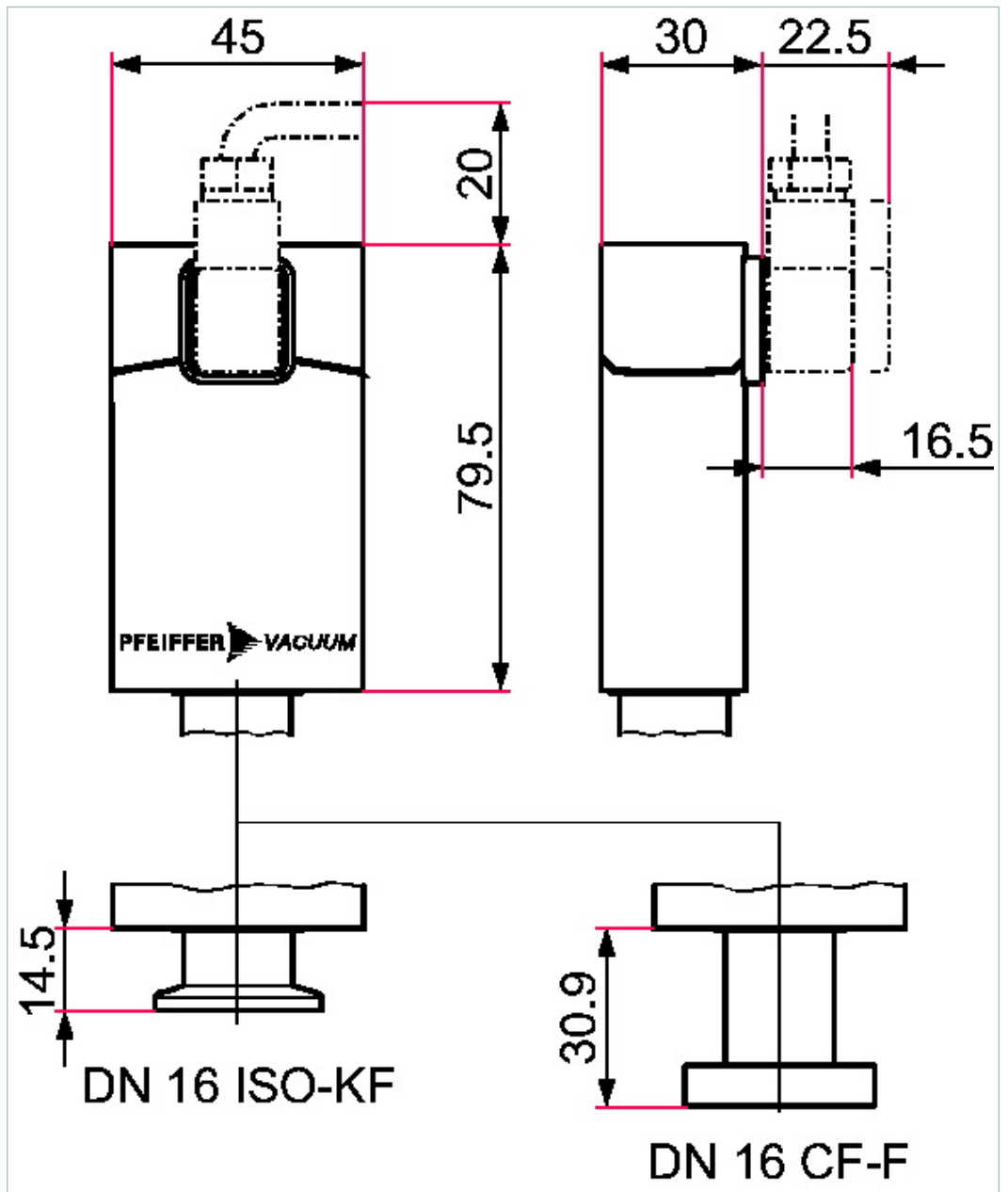


Similar Image

PCR 280, 80 °C, DN 16 CF-F

- For accurate gas-type independent pressure measurement of venting procedures
- Display range $5 \cdot 10^{-5}$ to 1500 hPa
- Two sensors in one gauge head (Pirani and capacitance diaphragm)
- Metal-sealed
- Bakeout temperature: 80 °C
- Output signal: 1,2 - 8,68 V logarithm of pressure
- Voltage supply: 15 - 30 V DC

Dimensions



Technical Data

PCR 280, 80 °C, DN 16 CF-F

Accuracy

$5 \cdot 10^{-4}$ - $1 \cdot 10^{-3}$ hPa: $\pm 50\%$; $1 \cdot 10^{-3}$ - 100 hPa

Technical Data	PCR 280, 80 °C, DN 16 CF-F
	a: ± 15 % ; 100 - 950 hPa: ± 5 % ; 950 - 1050 hPa: ± 2.5 %
Bakeout temperature	80 °C 176 °F 353 K
Feature	Stainless steel, metal sealed
Feedthrough	Glass
Filament	Tungsten
Flange	Stainless steel
Measurement range max.	1,500 hPa 1,125 Torr 1,500 mbar
Measurement range min.	5 · 10 ⁻⁵ hPa 3.75 · 10 ⁻⁵ Torr 5 · 10 ⁻⁵ mbar
Method of measurement	Pirani/Capacitance
Nominal diameter	DN 16 CF-F
Output signal: Minimum load	10 kΩ
Output signal: Pressure range	1.2 - 8.68 V
Pressure max.	5,000 hPa 3,750 Torr 5,000 mbar
Repeatability: 10 ⁻³ - 1100 hPa	± 2 %
Seal	Metal
Sensor cable length	100 m
Supply: Power consumption max.	2.5 W
Supply: Voltage	15-30 V DC
Temperature: Operating	10-50 °C 50-122 °F 283-323 K
Temperature: Storage	-20-65 °C -4-149 °F 253-338 K
Volume	4.7 cm ³
Weight	120 g
Order number	
PCR 280	PT R26 856